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| INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> | | | | Docket Number (Optional) 13649PCTUS | | Application Number 10/7525591 <i>(To be assigned)</i> | | | |
| | | | | Applicant(s) VERMEER, C | | | | Filing Date Herewith | |
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| | | | | | | | YES | NO | |
| NWS | | EP 0 679 394 A2 | 02-11-1995 | EUROPE | | | ✓ | | |
| NWS | | EP 0613877 A1 | 07-09-1994 | EUROPE | | | ✓ | | |
| NWS | | EP 1 153 548 A1 | 14-11-2001 | EUROPE | | | ✓ | | |
| NWS | | GB 2 180 747 A | 08-04-1987 | GREAT BRITAIN | | | ✓ | | |
| | | DE 19935607 | 07-06-2001 | GERMANY | | | | ✓ | |
| OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i> | | | | | | | | | |
| NWS | | Kawashima et al "Effects of Vitamin K2 (Menatetrenone) on Atherosclerosis and Blood Coagulation in Hypercholesterolemic Rabbits" Jpn. J. Pharmacol, Vol. 75, pages 135-143 (1997) | | | | | | | |
| NWS | | Cees Vermeer et al, "Role of K vitamins in the regulation of tissue calcification", J Bone Miner Metab, Vol. 19, pages. 201-206 (2001) | | | | | | | |
| EXAMINER /Nathan Schlientz/ | | | | DATE CONSIDERED 01/26/2007 | | | | | |
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| INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i> | | | | ATTY DOCKET NO. 13649PCTUS | | APPLICATION NO. 10/525591 | | | |
| | | | | APPLICANT(S) VERMEER, Cees | | | | To be assigned | |
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| | | WO 03013420 A2 | 20-02-2003 | WO | | | ✓ | | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | | | |
| NWS | | MH Beers, "The Merck Manual of Diagnosis and Therapy" 1999, Merck Research Laboratories, Whitehouse Station, XP002260508, pages 1654-1658 | | | | | | | |
| | | M. Eder, "Lehrbuch der Allgemeinen Pathologie und der Pathologischen Anatomie", 1984, Springer-Verlag, Heidelberg XP002260509, pages 345-351 | | | | | | | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
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| NWS | | | Oxenham, et al. "Cardiovascular Aging and Heart Failure", The European Journal of Heart Failure, Vol. 5, pages. 427-434, (2003) | | | | |
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| NWS | | Written Opinion | | | | | | |
| NWS | | British Patent Office Search Report | | | | | | |
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OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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| NWS | | Shanahan, et al. "Medial Localization of Mineralization-Regulating Proteins in Association With Mönckeberg's Sclerosis" Evidence for Smooth Muscle Cell-Mediated Vascular Calcification, Circulation, November 23, 1999, pages 2168-2176. |
| NWS | | M.E. Rosenfeld, "An overview of the evolution of the atherosclerotic plaque: from fatty streak to plaque rupture and thrombosis", Z Kardio 89; Supp 7, VII/2-VII6 (2000) ©Steinkopff Verlag 2000 |

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| NWS | | Mönckeberg's Sclerosis" Evidence for Smooth Muscle Cell-Mediated Vascular Calcification, Circulation, November 23, 1999, pages 2168-2176. | | | | | | | |
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